

ABSTRACT

There is provided an electrolyte material for a fuel cell having a high proton conductivity even in a state without humidification or moisture.

- 5 The object is achieved by the electrolyte material for a fuel cell having a proton conductive system at least comprising (a) a Brönsted acid and (b) a base having a lone electron-pair, wherein the base (b) has a structure in which one or more groups are added to a group having the lone electron-pair, and a total number of constitutional atoms other than H atom included in
- 10 all the added group is three or less.